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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/845,057	04/27/2001	Kathleen Riddell Polizzi	68110328.715	1459
23562	7590	12/21/2004	EXAMINER	
BAKER & MCKENZIE PATENT DEPARTMENT 2001 ROSS AVENUE SUITE 2300 DALLAS, TX 75201			TANG, KENNETH	
			ART UNIT	PAPER NUMBER
			2127	
DATE MAILED: 12/21/2004				

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/845,057

Applicant(s)

POLIZZI ET AL.

Examiner

Kenneth Tang

Art Unit

2127

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 23 December 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 August 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 8/27/99, 10/10/01, 5/24/02, 8/30/02, 12/23/02
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

### **DETAILED ACTION**

1. Claims 1-16 are presented for examination.

#### ***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 1-16 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention:

- a. In claim 1, "an output report" (line 14) is indefinite because it is not made explicitly clear in the claim language if this report is of the job server, the repository, or something else, etc. It is unclear in the claim language what this output report is a report of.
- b. Claims 5, 9, 12, and 15 are rejected for the same indefinite reasons as stated in the rejection of claim 1.
- c. In claim 9, "define an input forms" is indefinite because it is not made explicitly clear in the claim language whether there is a singular or plural amount of input forms because this term is grammatically incorrect.

#### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

Art Unit: 2127

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

**3. Claims 1-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ahlberg et al. (hereinafter Ahlberg) (US 6,587,836 B1) in view of Parasnis et al. (hereinafter Parasnis) (US 6,334,146 B1).**

4. As to claim 1, Ahlberg teaches a computer system configured to communicate with a plurality of users through a network interface, wherein at least one of the plurality of users communicates with the network interface through a computer network, the computer system comprising:

a service broker (dispatcher) (*Fig. 6, item 206*) electrically connected to the network interface, the service broker controlling a level of access to the computer system by a user (*col. 8, lines 33-53, col. 10, line 60*);

an authentication server electrically connected to the service broker (dispatcher), the authentication server configured to determine a level of access to be granted to a user based upon data stored therein (*col. 8, lines 33-53, col. 10, line 60, lines 13, lines 66-67*);

a repository (cookie jar server) (*Fig. 2, item 28*) electrically connected to the service brokers the repository comprising a computer memory encoded with a plurality of objects (common objects) including at least one job which may be accessed by the users (*col. 8, lines 7-58*);

an event server (dispatch server) electrically connected to the service broker (dispatcher), the event server comprising a computer memory encoded with instructions for dispatching a job

Art Unit: 2127

for processing on the job server according to a predefined schedule (predefined time basis)

*(claim 4, see Fig. 6).*

5. Ahlberg teaches producing an output report and that the output report is transmitted to the network interface for transmission to the user. However, Ahlberg fails to explicitly teach a job server electrically connected to the service broker to execute a job stored within the repository. However, Parasnis teaches an execution agent performing a series of tasks using objects in a memory-slotted workspace for a network node, wherein the execution agent interacts with the framework and/or event manager (service broker) *(col. 20, lines 48-58)*. It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the feature of a job server electrically connected to the service broker to execute a job stored within the repository to the existing network communication system of Ahlberg because this would help manage operations and to more efficiently manage complex manufacturing operations *(col. 1, lines 40-47, col. 19, lines 30-32, col. 20, lines 57-63)*.

6. As to claim 2, Ahlberg teaches wherein the computer memory of the repository is further encoded with job properties corresponding to said at least one job, wherein said job properties define a set of input data be provided to a corresponding job server when the job is executed; and wherein the job server is configured to process the set of input data with the job when the job is executed *(Fig. 11, col. 23, lines 49-61)*.

7. As to claim 3, Ahlberg teaches wherein the computer memory of the repository is further encoded with job properties corresponding to said at least one job, wherein said job properties

Art Unit: 2127

define a list of users to be notified when the job is executed; and wherein the job server is configured to process said job properties and provide notification to the list of users when the job is executed (*col. 3, lines 39-46*).

8. As to claim 4, Ahlberg teaches wherein the computer memory of the repository is further encoded with job properties corresponding to said at least one job, wherein said job properties define an exception condition and a list of users subscribing to the exception condition, and wherein the job server is configured to compare said exception condition to the output report to determine the existence of an exception, and to provide notification to the list of users subscribing to the exception condition if the exception condition exists when the job is executed (*col. 3, lines 39-46, col. 13, lines 15-18*).

9. As to claim 5, it is rejected for the same reasons as stated in the rejection of claim 1.

10. As to claim 6, it is rejected for the same reasons as stated in the rejection of claim 2.

11. As to claim 7, it is rejected for the same reasons as stated in the rejection of claim 3.

12. As to claim 8, it is rejected for the same reasons as stated in the rejection of claim 4.

Art Unit: 2127

**13. Claims 9-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ahlberg et al. (hereinafter Ahlberg) (US 6,587,836 B1) in view of Parasnis et al. (hereinafter Parasnis) (US 6,334,146 B1), and further in view of Wolff (US 6,247,047 B1).**

14. As to claim 9, it is rejected for the same reasons as stated in the rejection of claim 1. However, Ahlberg in view of Parasnis fails to explicitly teach defining an input form to a user. Wolff teaches generating an input form that is communicated to a user over a network (*see Abstract*). It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the feature of defining an input form to a user to the existing input receiving network communication system of Ahlberg in view of Parasnis in order to obtain the benefit of having an organized means to display the input in a form that can be presented on the display of a user node (*see Abstract*).

15. As to claim 10, Ahlberg teaches wherein the computer memory of the repository is further encoded with job properties corresponding to said at least one job, wherein said job properties define a list of users to be notified when the job is executed; and wherein the job server is configured to process said job properties and provide notification to the list of users when the job is executed (*col. 3, lines 39-46*).

16. As to claim 11, Ahlberg teaches wherein the computer memory of the repository is further encoded with job properties corresponding to said at least one job, wherein said job properties define an exception condition and a list of users subscribing to the exception

Art Unit: 2127

condition, and wherein the job server is configured to compare said exception condition to the output report to determine the existence of an exception, and to provide notification to the list of users subscribing to the exception condition if the exception condition exists when the job is executed (*col. 3, lines 39-46, col. 13, lines 15-18*).

17. As to claim 12, it is rejected for the same reasons as stated in the rejection of claim 9.

18. As to claim 13, it is rejected for the same reasons as stated in the rejection of claim 10.

19. As to claim 14, it is rejected for the same reasons as stated in the rejection of claim 11.

20. As to claim 15, it is rejected for the same reasons as stated in the rejection of claim 9.

21. As to claim 16, Ahlberg teaches wherein the job server is connected to at least one back-end database, and wherein the job server is configured to execute a job that retrieves and processes data from the back-end database, further comprising the steps of: retrieving a set of data from a back-end database corresponding to the requested job; and processing in the job server the requested job with the set of data retrieved from the back-end database and the set of input data received from the user so as to produce an output report (*col. 6, lines 8-11*).

Art Unit: 2127

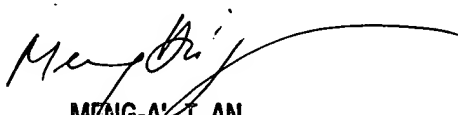
***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kenneth Tang whose telephone number is (571) 272-3772. The examiner can normally be reached on 8:30AM - 6:00PM, Every other Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on (571) 272-3756. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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